BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANPURA SUB-DIVISION

Name of Work : Package 6, includes 3 works of 100.00 Lakhs

1. Improvements to Drains and Asphalting roads at Ashwarth nagar SLV Apartment road near HP Gas Godown in Ward No.06 (Thanisandra), Byatarayanapura Sub Division.
2. Asphalting to roads and Improvements to Drains at Hegdenagar Sai Hospital Road in Ward No.06 Byatarayanapura Sub Division.
3. Improvements to Roads and Drains at Hegadenagar Eastern side 1st cross road to 8th cross road in Ward No.06 Byatarayanapura Sub Division.

TOTAL ABSTRACT

FIRST & PART BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
email: tejusconsultants@gmail.com

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Total Abstract

BRUHATH BANGALORE MAHANAGARA PALIKE

Bytarayanapura Division

ıe of rk (as per sanctioned estimate): Package 6, includes 3 works of 100.00 Lakhs
nprovements to Drains and Asphalting roads at Ashwarth nagar SLV Apartment road near HP Gas Godown in Ward 6(Thanisandra), Byatarayanapura Sub Division.
phalting to roads and Improvements to Drains at Hegdenagar Sai Hospital Road in Ward No.06 Byatarayanapura Sub sion.
ıprovements to Roads and Drains at Hegadenagar Eastern side 1st cross road to 8th cross road in Ward No.06 arayanapura Sub Division.

Code :-

e of Agency :- Benaka Developers & Project Pvt.Ltd.

No :1st & Part Bill

Description of Item of Work	Unit	Qty	Rate	Amount	Remarks
KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	cum				
SLV Apartment raod		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		242.14			
Present Qty		**242.14**			
Total		242.14			
BOQ qty		827.58			
Qty for payment		**242.14**	**201.65**	**48,827.00**	
Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		294.30			
Present Qty		**294.30**			
Total		294.30			
BOQ qty		2123.79			
Qty for payment		**294.30**	**86.91**	**25,578.00**	
Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per specifications.	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**0.00**			
Total		0.00			
BOQ qty		1198.11			
Qty for payment		**0.00**	**718.14**	**0.00**	

Consultant

Contractor

Assistant Engineer

Assistant Executive Enginee

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Total Abstract

KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kg, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in	cum				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		34.12			
Present Qty		**34.12**			
Total		34.12			
BOQ qty		115.32		1,96,884.00	
Qty for payment		**34.12**	**5770.24**	1,96,858.00	
Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		**0.00**			
Hegdenagar Eastern side 1st to 8th crs Rd		**27.54**			
Present Qty		**27.54**			
Total		27.54			
BOQ qty		57.60			
Qty for payment		**27.54**	**5735.98**	**1,57,969.00**	
KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications.	cum				
SLV Apartment road		692.63			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**692.63**			
Total		692.63			
BOQ qty		522.50			
Qty Reserved for Approval in 1st RA		170.13			
Qty for payment		**522.50**	**160.48**	**83,851.00**	
KSRRB M400-6.2 Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications	cum				
SLV Apartment road		253.22			
Hegdenagar Sai hospital road		0.00			

Consultant | Contractor | Assistant Engineer | Assistant Executive Engineer

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Hegdenagar Eastern side 1st to 8th crs Rd					
Present Qty		0.00			
Total		253.22			
BOQ qty		253.22			
Qty for payment		407.60			
		253.22	**1796.48**	**4,54,905.00**	
M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	cum				
SLV Apartment road		418.93			
Hegdenagar Sai hospital road		**0.00**			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**418.93**			
Total		418.93			
BOQ qty		615.21		7,99,068.00	
Qty for payment		**418.93**	**1907.40**	**7,99,060.00**	
KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.	Sqm				
SLV Apartment road		1675.71			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**1675.71**			
Total		1675.71			
BOQ qty		2497.60			
Qty for payment		**1675.71**	**32.02**	**53,656.00**	
KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**0.00**			
Total		0.00			
BOQ qty		3272.50			
Qty for payment		**0.00**	**3.43**	**0.00**	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

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1	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm				
	SLV Apartment road		1675.71			
	Hegdenagar Sai hospital road		0.00			
	Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
	Present Qty		**1675.71**			
	Total		1675.71			
	BOQ qty		5310.50			
	Qty for payment		**1675.71**	**13.72**	**22,991.00**	
2	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification	cum				
	SLV Apartment road		67.03			
	Hegdenagar Sai hospital road		0.00			
	Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
	Present Qty		**67.03**			
	Total		67.03			
	BOQ qty		212.42		579479.00	
	Qty for payment		**67.03**	**8645.07**	**5,79,463.00**	
	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications	Sqm				
	SLV Apartment road		50.00			
	Hegdenagar Sai hospital road		0.00			
	Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
	Present Qty		**50.00**			
	Total		50.00			
	BOQ qty		233.38			
	Qty for payment		**50.00**	**585.49**	**29,275.00**	
	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	cum				
	SLV Apartment road		0.00			
	Hegdenagar Sai hospital road		0.00			
	Hegdenagar Eastern side 1st to 8th crs Rd		**102.47**			
	Present Qty		**102.47**			

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

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	Total		102.47			
	BOQ qty		291.20		490621.00	
	Qty for payment		102.47	4787.95	4,90,597.00	
5	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications	Sqm				
a	SLV Apartment road		0.00			
b	Hegdenagar Sai hospital road		0.00			
c	Hegdenagar Eastern side 1st to 8th crs Rd		186.60			
	Present Qty		186.60			
	Total		186.60			
	BOQ qty		516.80			
	Qty for payment		186.60	1037.18	1,93,538.00	
6	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications	Sqm				
a	SLV Apartment road		0.00			
b	Hegdenagar Sai hospital road		0.00			
c	Hegdenagar Eastern side 1st to 8th crs Rd		225.36			
	Present Qty		225.36			
	Total		225.36			
	BOQ qty		631.98			
	Qty for payment		225.36	110.92	24,997.00	
7	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and sills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications	cum				
a	SLV Apartment road		0.00			
b	Hegdenagar Sai hospital road		0.00			
c	Hegdenagar Eastern side 1st to 8th crs Rd		24.16			
	Present Qty		24.16			
	Total		24.16		150322.00	
	BOQ qty		84.22		4,50,297.00	
	Qty for payment		24.16	6221.94		

Assistant Executive Engineer

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Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded stone jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		199.80			
Present Qty		**199.80**			
Total		199.80			
BOQ qty		300.00			
Qty for payment		**199.80**	**1960.18**	**3,91,644.00**	
Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	No's				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**0.00**			
Total		0.00			
BOQ qty		556.00			
Qty for payment		**0.00**	**357.92**	**0.00**	
KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm				
SLV Apartment road		0.00			
Hegdenagar Sai hospital road		0.00			
Hegdenagar Eastern side 1st to 8th crs Rd		0.00			
Present Qty		**0.00**			
Total		0.00			
BOQ qty		87.50			
Qty for payment		**0.00**	**68.61**	**0.00**	
			TOTAL	**3703506.00**	

3703578.00

Round off.. 3703000.00

Certificate:

Certified that the contractor has done the work satisfactorly

Certified that the debris has been removed from the site

Certified that the No dues from the contractor

Certified that the above item of the work were not claimed in any other bill

Consultant

Assistant Engineer

Assistant Executive Engineer

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